

## Patent Claims

1. A fuel feed unit which is provided for arrangement in a fuel tank of a motor vehicle, having a fuel pump and having a pump holder which is to be fastened in the fuel tank and is intended for securing the fuel pump, characterized in that the pump holder (10) is manufactured, at least in a central region, from metal in order to acoustically isolate the fuel pump (5) adjacent components.

2. The fuel feed unit as claimed in claim 1, characterized in that the pump holder (10) has a sheetmetal strip (13, 14, 18, 19) in its central region.

3. The fuel feed unit as claimed in claim 1, characterized in that the sheet-metal strip has corrugations (17).

4. The fuel feed unit as claimed in claim 1, characterized in that the region which is manufactured from metal has constrictions (20) and/or enlargements (21).

5. The fuel feed unit as claimed in claim 1, characterized in that the region which is manufactured from metal has different wall thicknesses.

6. The fuel feed unit as claimed in claim 1, characterized in that a resonant frequency of that region of the pump holder (10) which is manufactured from metal lies outside the natural frequency of the fuel pump (5).

7. The fuel feed unit as claimed in claim 1, characterized in that the pump holder (10) has at least one retaining ring (11, 12, 22) for fastening it to an adjacent component, and has sheet-metal strips (13, 14, 19) protruding in a starshaped manner from the retaining ring (11, 12, 22).

8. The fuel feed unit as claimed in claim 1, characterized in that the retaining ring (22) and the sheet-metal strip manufactured as a single piece.

9. The fuel feed unit as claimed in claim 1, characterized in that the retaining ring (11, 12) is manufactured from plastic and the sheet-metal strip (13, 14) are pressed into corresponding grooves (15, 16) of the retaining ring (11, 12).

10. The fuel feed unit as claimed in claim 1, characterized in that that region of the pump holder (10) which is manufactured from metal is arranged essentially parallel to the longitudinal axis of a drive shaft (7) of the fuel pump (5).